

SID 24

RESULT 12
E28744
LOCUS E28744 598 bp DNA linear PAT 07-FEB-2001
DEFINITION Transposon-like DNA and utilization thereof.
ACCESSION E28744
VERSION E28744.1 GI:13018382
KEYWORDS JP 1999206374-A/1.
SOURCE Oryza sativa.
ORGANISM Oryza sativa
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
REFERENCE 1 (bases 1 to 598)
AUTHORS Hiromori,A.A.I.I. and Yokozeiki.
TITLE Transposon-like DNA and utilization thereof
JOURNAL Patent: JP 1999206374-A 1 03-AUG-1999;
MITSUI CHEM INC
COMMENT OS Oryza sativa L.
PN JP 1999206374-A/1
PD 03-AUG-1999
PF 21-JAN-1998 JP 1998009835
PR
PI HIROMORI AKAGI,AKIKO INAGAKI,YUMI YOKOZEKI
PC C12N15/09,C12Q1/68,C12N15/00
CC Strandedness: Double;
CC Topology: Linear;
FH Key Location/Qualifiers
FT repeat unit 116. .131
FT insertion seq 132. .522
FT repeat unit 523. .543.
FEATURES Location/Qualifiers
source 1. .598
/organism="Oryza sativa"
/db_xref="taxon:4530"
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ORIGIN

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Best Local Similarity 100.0%; Pred. No. 4.1;
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Db 549 TAGGTTAATTATTGGCGGTAAATTA 572

RESULT 13
AB010115
LOCUS AB010115 598 bp DNA linear PLN 09-AUG-2001
DEFINITION Oryza sativa gene, repeat sequence Micron-1.
ACCESSION AB010115
VERSION AB010115.1 GI:4586623
KEYWORDS .
SOURCE Oryza sativa (cultivar:Shilewa) DNA.
ORGANISM Oryza sativa
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Ehrhartoidae; Oryzeae; Oryza.
REFERENCE 1 (bases 1 to 598)
AUTHORS Akagi,H., Yokozeiki,Y., Inagaki,A., Mori,K. and Fujimura,T.
TITLE Micron, a microsatellite-targeting transposable element in the rice genome
JOURNAL Mol. Genet. Genomics. (2001) In press
REFERENCE 2 (bases 1 to 598)
AUTHORS Akagi,H., Yokozeiki,Y., Inagaki,A. and Fujimura,T.
TITLE Highly repetitive elements in rice (Micron); targeting of TA microsatellites and recent transposition during rice evolution
JOURNAL Unpublished
REFERENCE 3 (bases 1 to 598)
AUTHORS Akagi,H.
TITLE Direct Submission
JOURNAL Submitted (06-JAN-1998) Hiromori Akagi, Mitsui Chemicals Inc., Life Science Laboratory; Togo 1144, Mbara, Chiba 297, Japan (E-mail:hiromori.akagi@mitsui-chem.co.jp, Tel:81-475-25-6729, Fax:81-475-25-6553)
FEATURES Location/Qualifiers
source 1. .598
 /organism="Oryza sativa"
 /cultivar="Shilewa"
 /db_xref="taxon:4530"
repeat_unit 116. .131
 /rpt_family="Micron-1"
repeat_unit 521. .543
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BASE COUNT 214 a 108 c 76 g 200 t
ORIGIN

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 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 taggttaattattggcggttaatta 24
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 Db 549 TAGGTTAATTATTGGCGGTAAATTA 572

RESULT 14
AB010111
LOCUS AB010111 616 bp DNA linear PLN 02-APR-1999
DEFINITION Oryza rufipogon gene, repeat sequence Micropon-1.
ACCESSION AB010111
VERSION AB010111.1 GI:4586619
KEYWORDS Micropon-1.
SOURCE Oryza rufipogon (strain:W7) DNA.
ORGANISM Oryza rufipogon
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Ehrhartoidae; Oryzeae; Oryza.
REFERENCE 1 (sites)
AUTHORS Akagi,H., Yokozeiki,Y., Inagaki,A. and Fujimura,T.
TITLE Highly repetitive elements in rice (Micropon); targeting of TA microsatellites and recent transposition during rice evolution

JOURNAL Unpublished (1999)
REFERENCE 2 (bases 1 to 616)
AUTHORS Akagi,H.
TITLE Direct Submission
JOURNAL Submitted (06-JAN-1998) to the DDBJ/EMBL/GenBank databases.
Hiromori Akagi, Mitsui Chemicals Inc., Life Science Laboratory;
Togo 1144, Mabora, Chiba 297, Japan
(E-mail:hiromori.akagi@mitsui-chem.co.jp, Tel:81-475-25-6729,
Fax:81-475-25-6553)
FEATURES Location/Qualifiers
source 1. .616
/organism="Oryza rufipogon"
/strain="W7"
/db_xref="taxon:4529"
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/rpt_family="Micropon-1"
misc_feature 136. .527
/note="insertion sequence"
repeat_unit 528. .561
/rpt_family="Micropon-1"
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ORIGIN

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Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 567 TAGGTTAATTATTGGCGGTAAATTA 590

RESULT 15
E28748
LOCUS E28748 2160 bp DNA linear PAT 07-FEB-2001
DEFINITION Transposon-like DNA and utilization thereof.
ACCESSION E28748
VERSION E28748.1 GI:13018386
KEYWORDS JP 1999206374-A/5.
SOURCE Oryza sativa.
ORGANISM Oryza sativa
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
REFERENCE 1 (bases 1 to 2160)
AUTHORS Hiromori,A.A.I.I. and Yokozeiki.
TITLE Transposon-like DNA and utilization thereof
JOURNAL Patent: JP 1999206374-A 5 03-AUG-1999;
MITSUI CHEM INC
COMMENT OS Oryza sativa L.
PN JP 1999206374-A/5
PD 03-AUG-1999
PF 21-JAN-1998 JP 1998009835
PR
PI HIROMORI AKAGI,AKIKO INAGAKI,YUMI YOKOZEKI
PC C12N15/09,C12Q1/68,C12N15/00

CC Strandedness: Double;
CC Topology: Linear;
FH Key Location/Qualifiers
FT repeat unit 1343. .1385.
FEATURES Location/Qualifiers
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/organism="Oryza sativa"
/db_xref="taxon:4530"
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ORIGIN

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Search completed: May 28, 2002, 10:55:10
Job time: 7922 sec

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4	24	100.0	213	6	E15281	E15281 Oryza sativ
c 5	24	100.0	278	6	AX207115	AX207115 Sequence
c 6	24	100.0	280	8	AY019626	AY019626 Oryza sat
c 7	24	100.0	302	6	AX207118	AX207118 Sequence
8	24	100.0	314	6	AX207114	AX207114 Sequence
9	24	100.0	348	6	AX207116	AX207116 Sequence
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11	24	100.0	413	6	AX207112	AX207112 Sequence
12	24	100.0	598	6	E28744	E28744 Transposon-
13	24	100.0	598	8	AB010115	AB010115 Oryza sat
14	24	100.0	616	8	AB010111	AB010111 Oryza ruf
15	24	100.0	2160	6	E28748	E28748 Transposon-
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